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## WHOLE ISSUE *Nebraska Bird Review* (Jan 1952) 20(1)

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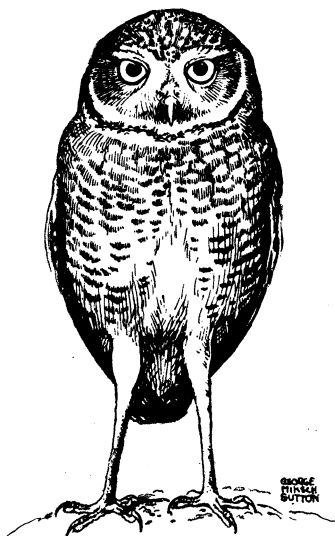
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VOLUME XX

JANUARY, 1952

NUMBER 1

# The Nebraska Bird Review



*A Magazine of Ornithology  
of the Nebraska Region*

*Published by the*

NEBRASKA ORNITHOLOGISTS' UNION

Founded 1899

## The Nebraska Bird Review

### A Magazine of the Ornithology of the Nebraska Region

Published quarterly in January, April, July, and October by the Nebraska Ornithologists' Union, as its official journal.

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All manuscripts for publication should be sent to the Editor.

### NEBRASKA ORNITHOLOGISTS' UNION

Founded December 16, 1899

President .....	Miss Doris B. Gates, 401 S. Ash Street, North Platte, Nebr.
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The Executive Committee is composed of the above officers and Adrian C. Fox, Box 1451, Lincoln, Nebraska and R. Allyn Moser, R.F.D. No. 1, Benson Station, Omaha 4, Nebraska.

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# The Nebraska Bird Review

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## FALL FIELD DAY 1951

The first annual fall field day of the Nebraska Ornithologists' Union was held on the first weekend of October. Unfortunately, not all of the groups were able to meet at that time, so in a few areas other dates were used.

The following groups participated:

Alexandria: Warren James Chase.

Antelope County: Miss Ann Seabury, Mrs. Geo. Seabury, Mrs. Luella Seabury, L. L. Seabury.

Chadron: Mr. A. Cassion, Mrs. E. DeFlon, Wm. Hoevet.

Geneva: Mrs. Guy Case.

Gering: Mrs. J. Brashear, Mrs. R. Witschy.

Halsey: Richard Delfs, Earl Glandon, Mr. and Mrs. Donald Held, Mary Sue Held, Mr. and Mrs. Charles A. Hughlett.

Hastings: Mrs. A. M. Brooking, Mrs. J. M. Davis, Mrs. A. H. Jones, Mrs. A. M. Jones, Calvin Klein, Mrs. C. E. Ruch.

Lincoln: Audubon Naturalists' Club.

Omaha: Mr. and Mrs. Charles Anderson, Mr. and Mrs. L. O. Horsky, Dr. and Mrs. R. Allyn Moser.

Peru: Leroy Gates.

Scottsbluff Mrs. J. Brashear, Miss Mary Ann Wake, Mrs. Witschy.

	<b>Pied-billed Grebe</b>		
Antelope Co. (42)	<b>Oct. 7</b>	Lincoln (5)	Oct. 7
	<b>Great Blue Heron</b>		
Alexandria	Oct. 7	Peru (1)	Oct. 5
Lincoln (1)	Oct. 7		
	<b>Black-crowned Night Heron</b>		
Antelope Co. (4)	Oct. 7		
	<b>Blue Goose</b>		
Lincoln (1)	Oct. 7		
	<b>Mallard</b>		
Halsey (5)	Oct. 6	Scottsbluff (25)	Oct. 13
	<b>American Pintail</b>		
Lincoln (100)	Oct. 7		
	<b>Green-winged Teal</b>		
Lincoln (1)	Oct. 7		
	<b>Blue-winged Teal</b>		
Antelope Co. (40)	Oct. 7	Hastings (6)	Oct. 9
Halsey (12)	Oct. 6	Lincoln (100)	Oct. 7

<b>Shoveller</b>			
Lincoln (25)	Oct. 7		
<b>Redhead</b>			
Antelope Co. (11)	Oct. 7		
<b>Cooper's Hawk</b>			
Alexandria	Oct. 7		
<b>Red-tailed Hawk</b>			
Alexandria	Oct. 7	Lincoln (12)	Oct. 7
Antelope Co. (1)	Oct. 7	Peru (1)	Oct. 6
Gering (1)	Oct. 7	Scottsbluff (1)	Oct. 13
Halsey (2)	Oct. 6		
<b>Broad-winged Hawk</b>			
Peru (2)	Oct. 6		
<b>Swainson's Hawk</b>			
Antelope Co. (1)	Oct. 7	Peru (1)	Oct. 6
Halsey (3)	Oct. 6		
<b>American Rough-legged Hawk</b>			
Peru (2)	Oct. 6		
<b>Ferruginous Rough-legged Hawk</b>			
Halsey (1)	Oct. 6		
<b>Marsh Hawk</b>			
Alexandria	Oct. 7	Lincoln (4)	Oct. 7
Antelope Co. (3)	Oct. 7	Peru (3)	Oct. 6
Hastings (1)	Oct. 9	Scottsbluff (8)	Oct. 13
<b>Duck Hawk</b>			
Peru (2)	Oct. 5		
<b>Sparrow Hawk</b>			
Alexandria	Oct. 7	Hastings (3)	Oct. 9
Antelope Co. (4)	Oct. 7	Lincoln (2)	Oct. 7
Geneva	Oct. 6	Omaha	Oct. 7
Halsey (4)	Oct. 6	Scottsbluff (1)	Oct. 13
<b>Bob-white</b>			
Omaha (15)	Oct. 7		
<b>Ring-necked Pheasant</b>			
Alexandria	Oct. 7	Hastings (3)	Oct. 9
Chadron	Oct. 6	Peru (6)	Oct. 5
Geneva	Oct. 6	Scottsbluff (3)	Oct. 13
<b>American Coot</b>			
Alexandria	Oct. 7	Halsey (19)	Oct. 6
Antelope Co. (175)	Oct. 7	Lincoln (100)	Oct. 7
<b>Killdeer</b>			
Alexandria	Oct. 7	Hastings (10)	Oct. 9
Antelope Co. (1)	Oct. 7	Lincoln (12)	Oct. 7
Chadron	Oct. 6	Scottsbluff (1)	Oct. 13
<b>Lesser Yellow-legs</b>			
Lincoln (32)	Oct. 7		
<b>Baird's Sandpiper</b>			
Lincoln (3)	Oct. 7		

<b>Least Sandpiper</b>			
Lincoln (28)	Oct. 7		
<b>Stilt Sandpiper</b>			
Lincoln (100)	Oct. 7		
<b>Semipalmated Sandpiper</b>			
Lincoln (2)	Oct. 7		
<b>Herring Gull</b>			
Lincoln (6)	Oct. 7		
<b>Ring-billed Gull</b>			
Scottsbluff (25)	Oct. 13		
<b>Franklin's Gull</b>			
Lincoln (100)	Oct. 7	Scottsbluff (100)	Oct. 13
<b>Western Mourning Dove</b>			
Alexandria	Oct. 7	Hastings (6)	Oct. 9
Antelope Co. (4)	Oct. 7	Lincoln (10)	Oct. 7
Halsey (2)	Oct. 6	Peru (5)	Oct. 6
<b>Yellow-billed Cuckoo</b>			
Lincoln (1)	Oct. 7	Peru (1)	Oct. 6
<b>Black-billed Cuckoo</b>			
Geneva	Oct. 6	Peru (1)	Oct. 7
<b>Screech Owl</b>			
Omaha	Oct. 7		
<b>Great Horned Owl</b>			
Scottsbluff (1)	Oct. 13		
<b>Nighthawk</b>			
Lincoln (1)	Oct. 7		
<b>Chimney Swift</b>			
Lincoln (1)	Oct. 7		
<b>Eastern Belted Kingfisher</b>			
Antelope Co. (1)	Oct. 7	Lincoln (1)	Oct. 7
Geneva	Oct. 6	Peru (1)	Oct. 6
Hastings (1)	Oct. 9		
<b>Yellow-shafted Flicker</b>			
Alexandria	Oct. 7	Hastings (3)	Oct. 9
Antelope Co. (16)	Oct. 7	Lincoln (10)	Oct. 7
Geneva	Oct. 6	Peru (13)	Oct. 6
Gering (1)	Oct. 7	Scottsbluff (2)	Oct. 13
Halsey (2)	Oct. 6		
<b>Red-shafted Flicker</b>			
Antelope Co. (2)	Oct. 7	Hastings (2)	Oct. 9
Geneva (2)	Oct. 7	Peru (1)	Oct. 6
Halsey (1)	Oct. 6	Scottsbluff (10)	Oct. 13
<b>Red-bellied Woodpecker</b>			
Alexandria	Oct. 7	Peru (2)	Oct. 6
Hastings (1)	Oct. 9		
<b>Red-headed Woodpecker</b>			
Antelope Co. (1)	Oct. 7	Peru (1)	Oct. 7
Lincoln (1)	Oct. 7		

<b>Hairy Woodpecker</b>			
Alexandria	Oct. 7	Hastings (6)	Oct. 9
Antelope Co. (1)	Oct. 7	Lincoln (3)	Oct. 7
Chadron	Oct. 6	Omaha	Oct. 7
Geneva	Oct. 6		
<b>Downy Woodpecker</b>			
Alexandria	Oct. 7	Hastings (2)	Oct. 9
Antelope Co. (2)	Oct. 7	Lincoln (8)	Oct. 7
Geneva	Oct. 6	Omaha	Oct. 7
Gering (1)	Oct. 7	Peru (5)	Oct. 6
Halsey (4)	Oct. 6		
<b>Phoebe</b>			
Hastings (1)	Oct. 9		
<b>Least Flycatcher</b>			
Lincoln (10)	Oct. 7		
<b>Western Wood Pewee</b>			
Chadron	Oct. 6		
<b>Horned Lark</b>			
Hastings (11)	Oct. 9	Lincoln (2)	Oct. 7
<b>Barn Swallow</b>			
Alexandria	Oct. 7	Antelope Co. (2)	Oct. 7
<b>Blue Jay</b>			
Alexandria	Oct. 7	Lincoln (15)	Oct. 7
Geneva	Oct. 6	Omaha	Oct. 7
Hastings (2)	Oct. 9	Peru (13)	Oct. 6
<b>American Magpie</b>			
Chadron	Oct. 6	Halsey (4)	Oct. 6
Gering (8)	Oct. 7	Scottsbluff (13)	Oct. 13
<b>Eastern Crow</b>			
Alexandria	Oct. 7	Hastings (25)	Oct. 9
Antelope Co. (43)	Oct. 7	Lincoln (30)	Oct. 7
Chadron	Oct. 6	Omaha	Oct. 7
Geneva	Oct. 6	Peru (25)	Oct. 6
Halsey (77)	Oct. 6	Scottsbluff (60)	Oct. 13
<b>Pinyon Jay</b>			
Chadron	Oct. 6		
<b>Black-capped Chickadee</b>			
Alexandria	Oct. 7	Hastings (18)	Oct. 9
Antelope Co. (20)	Oct. 7	Lincoln (40)	Oct. 7
Chadron	Oct. 6	Omaha	Oct. 7
Geneva	Oct. 6	Peru (17)	Oct. 6
Gering (2)	Oct. 7	Scottsbluff (1)	Oct. 13
Halsey (77)	Oct. 6		
<b>Tufted Titmouse</b>			
Peru (3)	Oct. 6		
<b>White-breasted Nuthatch</b>			
Hastings (2)	Oct. 9	Omaha	Oct. 7
<b>Red-breasted Nuthatch</b>			
Gering (2)	Oct. 7	Lincoln (1)	Oct. 7

<b>Brown Creeper</b>		
Hastings (2)	Oct. 9	
<b>House Wren</b>		
Lincoln (3)	Oct. 7	
<b>Winter Wren</b>		
Antelope Co. (2)	Oct. 7	
<b>Common Rock Wren</b>		
Scottsbluff (1)	Oct. 13	
<b>Brown Thrasher</b>		
Chadron	Oct. 6	Lincoln (1) Oct. 7
<b>Robin</b>		
Alexandria	Oct. 7	Halsey (1) Oct. 6
Antelope Co. (140)	Oct. 7	Hastings (200) Oct. 9
Chadron	Oct. 6	Lincoln (40) Oct. 7
Geneva	Oct. 6	Omaha (13) Oct. 7
Gering (50)	Oct. 7	Scottsbluff (100) Oct. 13
<b>Bluebird</b>		
Alexandria	Oct. 7	Hastings (6) Oct. 9
Antelope Co. (4)	Oct. 7	
<b>Townsend's Solitaire</b>		
Gering (50)	Oct. 7	
<b>Blue-gray Gnatcatcher</b>		
Peru (1)	Oct. 6	
<b>Golden-crowned Kinglet</b>		
Antelope Co. (1)	Oct. 7	
<b>Ruby-crowned Kinglet</b>		
Geneva	Oct. 6	Lincoln (14) Oct. 7
<b>Starling</b>		
Alexandria	Oct. 7	Hastings (100) Oct. 9
Antelope Co. (65)	Oct. 7	Lincoln (100) Oct. 7
Chadron	Oct. 6	Peru (6) Oct. 6
Geneva	Oct. 6	Scottsbluff (5) Oct. 13
<b>White-eyed Vireo</b>		
Lincoln (1)	Oct. 7	
<b>Tennessee Warbler</b>		
Lincoln (1)	Oct. 7	
<b>Orange-crowned Warbler</b>		
Antelope Co. (8)	Oct. 7	Hastings (6) Oct. 9
Halsey (10)	Oct. 6	
<b>Virginia Warbler</b>		
Chadron	Oct. 6	
<b>Myrtle Warbler</b>		
Antelope Co. (25)	Oct. 7	Lincoln (13) Oct. 7
Hastings (2)	Oct. 9	Omaha Oct. 7
<b>Audubon's Warbler</b>		
Gering (12)	Oct. 7	
<b>Yellow-throat</b>		
Antelope Co. (1)	Oct. 7	



<b>English Sparrow</b>			
Alexandria	Oct. 7	Lincoln (100)	Oct. 7
Antelope Co. (50)	Oct. 7	Peru (4)	Oct. 6
Chadron	Oct. 6	Scottsbluff (60)	Oct. 13
Halsey (1)	Oct. 6		
<b>Eastern Meadowlark</b>			
Antelope Co. (46)	Oct. 7	Lincoln (3)	Oct. 7
<b>Western Meadowlark</b>			
Alexandria	Oct. 7	Lincoln (10)	Oct. 7
Halsey (1)	Oct. 6	Peru (1)	Oct. 5
Hastings (43)	Oct. 9	Scottsbluff (15)	Oct. 15
<b>Yellow-headed Blackbird</b>			
Lincoln (1)	Oct. 7		
<b>Red-wing</b>			
Alexandria	Oct. 7	Hastings (85)	Oct. 9
Antelope Co. (8)	Oct. 7	Lincoln (100)	Oct. 7
Halsey (5)	Oct. 6	Scottsbluff (50)	Oct. 13
<b>Bronzed Grackle</b>			
Alexandria	Oct. 7	Hastings (100)	Oct. 9
Antelope Co. (1000)	Oct. 7	Lincoln (1000)	Oct. 7
Chadron	Oct. 6	Omaha	Oct. 7
Geneva	Oct. 6	Scottsbluff (1000)	Oct. 13
<b>Cowbird</b>			
Alexandria	Oct. 7	Geneva	Oct. 6
Chadron	Oct. 6	Lincoln (100)	Oct. 7
<b>Cardinal</b>			
Geneva	Oct. 6	Lincoln (13)	Oct. 7
Halsey (5)	Oct. 6	Omaha	Oct. 77
Hastings (7)	Oct. 9	Peru (20)	Oct. 6
<b>Rose-breasted Grosbeak</b>			
Lincoln (2)	Oct. 7		
<b>Pine Siskin</b>			
Chadron	Oct. 6	Scottsbluff (7)	Oct. 13
<b>Goldfinch</b>			
Alexandria	Oct. 7	Lincoln (40)	Oct. 7
Antelope Co. (4)	Oct. 7	Omaha	Oct. 7
Halsey (4)	Oct. 6	Peru (6)	Oct. 6
Hastings (35)	Oct. 9		
<b>Red-eyed Towhee</b>			
Antelope Co. (2)	Oct. 7	Peru (1)	Oct. 6
Lincoln (2)	Oct. 7		
<b>Arctic Towhee</b>			
Halsey (29)	Oct. 6	Hastings (3)	Oct. 9
<b>Vesper Sparrow</b>			
Antelope Co. (4)	Oct. 7	Halsey (2)	Oct. 6
<b>Lark Sparrow</b>			
Alexandria	Oct. 7	Hastings (1)	Oct. 9
Chadron	Oct. 6		

	<b>Montana Junco</b>		
Halsey (1)	Oct. 6		
	<b>Slate-colored Junco</b>		
Antelope Co. (6)	Oct. 7	Lincoln (7)	Oct. 7
Gering (12)	Oct. 7	Omaha	Oct. 77
Hastings (1)	Oct. 9		
	<b>Pink-sided Junco</b>		
Scottsbluff (6)	Oct. 13		
	<b>Tree Sparrow</b>		
Geneva	Oct. 6	Omaha	Oct. 7
	<b>Chipping Sparrow</b>		
Chadron	Oct. 6	Peru (3)	Oct. 7
Halsey (19)	Oct. 6		
	<b>Field Sparrow</b>		
Antelope Co. (8)	Oct. 7	Hastings (1)	Oct. 9
Halsey (100)	Oct. 6		
	<b>Harris Sparrow</b>		
Hastings (3)	Oct. 9	Omaha	Oct. 7
Lincoln (1)	Oct. 7		
	<b>White-crowned Sparrow</b>		
Alexandria	Oct. 7	Hastings (1)	Oct. 9
Gering (15)	Oct. 7	Scottsbluff (15)	Oct. 13
Halsey (15)	Oct. 6		
	<b>White-throated Sparrow</b>		
Halsey (1)	Oct. 6	Hastings (1)	Oct. 9
	<b>Swamy Sparrow</b>		
Antelope Co. (12)	Oct. 7		

## EDITORIAL

It has been quite a few years since an editorial defining the editor's ideas as to what types of papers he believes should be published in *The Nebraska Bird Review* has appeared. Your present editor has felt reluctant to do so until he was more familiar with the various problems that exist in Nebraska ornithology. However, it appears that many people have records which are important to others, but are hesitant to offer them for publication because they feel that no one else would be interested in their observations. As a guide to what things we need to know about Nebraska birds, your editor submits the following items:

1. Breeding records:—we have very little information on the breeding birds of Nebraska.
2. Distribution records:—we lack published records of our common birds from many counties in Nebraska.
3. Seasonal records:—in only a few areas in the state do we know what birds are winter residents.
4. Christmas Bird Counts:—we do not plan to publish these, because they appear in *Audubon Field Notes*, but we are interested in five, ten, fifteen year or longer summaries of these counts.
5. Ecological studies:—for example, birds of a sandhill lake, birds of the yellow pine regions, or birds of the Platte River forests.

These are only suggestions on the part of your editor, for there are many other questions for which we do not yet know the answers. Possibly you have information such as this in your records and can help answer some of the questions.

Lastly, remember the words of the old ornithologist who said: "The simple truth about birds is interesting enough; it is not necessary to go beyond it." W.F.R.

### Notes on the Food Habits of the Great Horned Owl in Cherry County, Nebraska

By J. Knox Jones, Jr.

While working on the Valentine National Wildlife Refuge, Cherry County, Nebraska during the summer of 1950, an opportunity was presented to examine two small groups of pellets of the great horned owl (*Bubo virginianus*) from the refuge and to analyze their contents.

Thirteen pellets were collected in a small grove of trees just south of Center Lake on June 15, 1950, by the author and J. Henry Sather. On July 28, 1950, ten pellets were collected in a grove of trees surrounding trappers' cabins on North Marsh Lake by the author. The collections were made by random pick-ups from under trees and in both instances an owl was seen.

Only the crania and rami of small mammals were used in the identifications and the occurrences of mammals in the pellets was based on the number of crania and rami present. Only two birds were found in the 23 pellets examined and no reptiles or amphibians were noted.

Both the above mentioned localities are in the east-central portion of the refuge and the vertebrate contents of the two collections are recorded together in Table 1.

Table 1. — Vertebrate contents of great horned owl pellets from Cherry County, Nebraska.

Species	Total number of individuals	Per cent of occurrence
Pocket gopher ( <i>Geomys bursarius</i> )	2	8.6
Pocket mouse ( <i>Perognathus flavescens</i> )	2	8.6
Kangaroo rat ( <i>Dipodomys ordii</i> )	3	13.0
Grasshopper mouse ( <i>Onychomys leucogaster</i> )	1	4.5
Meadow mouse ( <i>Microtus ochrogaster</i> )	12	52.1
Muskrat ( <i>Ondatra zibethica</i> )	1	4.5
Gallinaceous bird (grouse or pheasant)	2	8.6
Totals	23	99.9

As indicated in the table above, the meadow mouse, *Microtus ochrogaster*, far outnumbered other small mammals and birds, being found as 52.1 per cent of the total contents of the two pellet groups. It may be of interest to note that few insects were found in the pellets.

Another pellet group of about 70 pellets was collected in the cabin of a fire tower near Center Lake but the identity of the depositor of these pellets was never established. They were smaller than great horned owl pellets

and may have been those of a barn owl. This group contained 63 total individuals of which 52 (82.5%) were meadow mice. Other mammals found in these pellets were one pocket gopher (1.6%), 6 pocket mice (9.5%), 3 white-footed mice, *Peromyscus maniculatus*, (4.7%), and one long-tailed shrew, *Sorex cinereus*, (1.6%).

Small mammal populations were much lower in the Cherry County area in 1950 than in any previous year sampled and the value of owl pellets as supplementary aid to the mammal collector is indicated in the fact that 609 trap nights on and around the refuge produced only 17 small mammals, a success per cent of 2.2.

University of Nebraska State Museum,  
Lincoln, Nebraska.

### James Chamberlain Crawford

1880-1950

The death of James Chamberlain Crawford, one of the charter members of the Nebraska Ornithologists' Union, came in Bethesda, Maryland, on December 20, 1950. He was born August 24, 1880 in West Point, Nebraska to James Chamberlain and Katherine Moore Crawford, and was educated at the University of Nebraska as a student of Prof. Lawrence Bruner. In his early years, he was an enthusiastic bird student, no doubt encouraged by his father, who was elected an honorary member of the Union at the second annual meeting held in Omaha, January 12, 1901, because of his interest in the protection of birds. At the same meeting the son became Corresponding Secretary, a position that he held through 1903 when he was replaced, as he had received appointment as a Special Field Agent of the Bureau of Entomology of the U. S. Department of Agriculture. In 1904 he was stationed in Texas to study cotton insects.

While from this time forward Crawford was occupied in entomological work he retained an interest in birds throughout his life and held active membership in the N. O. U. until 1908.

His father operated a printing establishment in West Point, and in the beginning days of the society young Crawford printed letterheads and envelopes for the Union without charge. His principal contribution to the Proceedings of the Union is a paper entitled "Results of a collecting trip to Sioux County" published in volume 2, pp. 76-79, based on observations made from May 18 to June 1, 1900, in company with J. S. Hunter, Merritt Cary and Prof. Bruner. The list includes 80 forms, with a thrush and a sandpiper that were not identified as additions. Interesting records of nesting are included, and the author showed caution in recording some of the species only under the generic name as no specimens were taken. Another note in the same volume (p. 101) reports the Ruby-crowned Kinglet at West Point in May, 1900.

His interests in publication then transferred to the field of entomology which was his life work, though as I know from my personal acquaintance with him in the U. S. National Museum, and in the Washington Biologists Field Club, he retained until his later years an active pleasure in seeing birds. His early publications include several on hymenoptera, which led on

May 1, 1908, to his appointment as Assistant Curator in the Division of Insects of the U. S. National Museum. In Washington he married Emily Baker of Hyattsville, Maryland. On December 1, 1911 he was advanced to Associate Curator, a position that he held until 1919 when he resigned to enter the business field. In the intervening period he had been a regular contributor of scientific papers on the classification of bees and other hymenoptera.

A business life proved unattractive so that in 1923 he returned to scientific work in Raleigh, North Carolina, for the State Department of Agriculture, continuing there until 1929. The following year he was appointed an inspector in quarantine and control work of the Bureau of Entomology and assigned to New York. Six years later he was placed in charge of insect identification work, and became interested in the Thysanoptera, a study that brought him again to Washington in 1940 to the Division of Insect Identification of the Bureau of Entomology and Plant Quarantine. He retired from the federal service on August 31, 1950, having attained the age of 70, continuing to live in his suburban home in Maryland, adjacent to the city, until his death.

Because of his early activity as a founder of the Union he was restored to the rolls as an honorary member, in 1949, an action in which he expressed much pride.

His more than 100 publications on bees, chalcid-flies and Thysanoptera are a definite contribution to the taxonomy of these groups. Far more the scientist than a business man his career had various financial difficulties, but throughout he retained his pleasant, genial personality, his love of things outdoors, and his interest in the activities of his fellow scientists. He is survived by his widow, a sister, Miss Lillian Crawford of Washington, D. C., a daughter, Mrs. Daniel Dillon, now in Alaska, and three grandchildren.

Alexander Wetmore, Smithsonian Institution.  
Washington, D. C.

#### UNIVERSITY OF NEBRASKA STATE MUSEUM ADDS THE FRED M. DILLE COLLECTION

Cataloguing of the Fred M. Dille Collection is nearly completed at the University of Nebraska State Museum. The collection contains nearly 600 study skins—about 475 bird skins and 125 skins of the smaller mammals. In 1950 the entire Dille Collection was purchased from the estate with the exception of certain of the birds of Colorado and of Arizona which went to the Denver Museum and the University of Arizona, respectively. The skins are being integrated with the study material already in the Division of Zoology at the Museum, and will be used for comparative and identification purposes.

The greater part of the collection was made by Mr. Dille, primarily in the Valentine, Nebraska area. Mr. Dille was for many years in charge of the Fort Niobrara Game Reserve. Originally a Wyoming stockman, he was an enthusiastic ornithologist and mammalogist, and was among the last of the self-trained, all-around naturalists.

A portion of the collection is from the Black Hills (especially near his home at Rapid City), and a portion was obtained through trades with collectors across the United States. Mr. Dille was a careful collector and the majority of the specimens are well-prepared and are accompanied with adequate information. The University of Nebraska State Museum feels fortunate to have had the opportunity to preserve the collection in the area where it was made—where it will be of the greatest value.

#### OBITUARIES

Adison A. Adams, who was elected a member of the N.O.U. in 1927 and who was also a member of the Brooking Bird Club, died at Hastings in November, 1951. He was born in Ravenna and moved to Hastings when he was a child. He later became a building contractor. Survivors are his wife and a daughter, Mrs. Raymond Hergenrether of Hastings.

Recently word has been received that Mrs. Lily Ruegg Button passed away this fall. No details have been received, but a suitable obituary will soon be published in *The Nebraska Bird Review*.

### Twenty-Five Year Summary of

### Bird Migration In Nebraska

#### PART 6 - PLOVERS TO TURNSTONES

William F. Rapp, Jr.

#### PIPING PLOVER

*Charadrius melodius* Ord

Hastings (4)	Apr. 22, 1936	May 26, 1933
Lincoln (5)	Apr. 19, 1925	May 7, 1932
Omaha (5)	Apr. 27, 1941	May 13, 1945
North Platte (8)	Apr. 29, 1939	June 9, 1935
North Platte - Stapleton (2)	May 21, 1944	May 23, 1935

#### SEMIPALMATED PLOVER

*Charadrius semipalmatus* Bonaparte

Blue Springs (1)	Apr. 23, 1949	
Brule (1)	May 6, 1948	
Fairbury (6)	Mar. 27, 1935	May 12, 1927
Hastings (8)	Mar. 11, 1928	May 20, 1930
Lincoln (11)	Mar. 14, 1944	May 16, 1931
North Platte (3)	Apr. 20, 1941	May 22, 1949
Omaha (7)	Apr. 19, 1942	May 13, 1948
Stapleton (1)	May 20, 1934	

#### MOUNTAIN PLOVER

*Eupoda montana* (Townsend)

Antelope County (1)	Apr. 15, 1949
Chadron (1)	May 8, 1949

**KILLDEER*****Oxyechus v. Vociferus* (Linnaeus)**

Antelope County (1)	Mar. 22, 1949	
Aurora (1)	Apr. 29, 1949	
Bladen (4)	Mar. 7, 1946	Mar. 19, 1949
Blue Springs (2)	Mar. 19, 1946	Mar. 23, 1947
Brady (2)	Mar. 23, 1948	Mar. 23, 1949
Brule (3)	Mar. 11, 1949	Mar. 23, 1947
Chadron (1)	Mar. 29, 1947	
Crete (1)	Mar. 7, 1949	
Fairbury (23)	Jan. 13, 1949	Mar. 17, 1940
Hastings (24)	Fef. 19, 1930	Mar. 28, 1949
Lincoln (19)	Feb. 21, 1935	May 12, 1928
North Platte (7)	Mar. 10, 1939	Apr. 8, 1948
North Platte - Stapleton (3)	Feb. 2, 1935	Mar. 12, 1944
Omaha (21)	Feb. 14, 1935	Apr. 7, 1925
Red Cloud (17)	Feb. 12, 1938	May 17, 1940
Stapleton (12)	Feb. 22, 1943	Mar. 28, 1934
Superior (3)	Mar. 13, 1927	Mar. 19, 1925

**AMERICAN GOLDEN PLOVER*****Pluvialis dominica* (Muller)**

Hastings (2)	May 18, 1929	May 19, 1926
Lincoln (2)	May 2, 1926	May 31, 1939
Omaha (2)	Apr. 19, 1942	Apr. 22, 1943

**BLACK-BELLIED PLOVER*****Squatarola squatarola* (Linnaeus)**

Hastings (5)	Apr. 29, 1929	May 29, 1932
Lincoln (5)	Apr. 25, 1926	May 25, 1925
North Platte (3)	May 16, 1941	May 30, 1937
North Platte - Stapleton (1)	May 16, 1936	
Omaha (1)	May 19, 1928	
Stapleton (1)	May 23, 1946	

**RUDDY TURNSTONE*****Arenaria interpres morinella* (Linnaeus)**

Hastings (1)	May 26, 1935	
Lincoln (3)	May 14, 1926	May 25, 1925
North Platte (2)	May 18, 1939	May 27, 1937

**NEWS AND NOTES**

The Fifty-first Annual Meeting will be held in Hastings, Nebraska, May 9 and 10. The host organizations will be the Brooking Bird Club and the Hastings Museum. Additional information regarding this meeting will appear in the April issue.

The Executive Committee of the N.O.U. is eager to entertain invitations for the Fifty-second Annual Meeting to be held in May, 1953. Any bird club or group interested in sponsoring this meeting should contact the Corresponding Secretary, Mr. W. E. Eigsti.

The Beatrice Audubon Society has elected the following officers for

the current year: John Ramming, President; Paul Baier, Vice President; Mrs. John Ramming, Secretary-Treasurer; Miss Mary Sturmer, Program Chairman; Miss Leila Jackson, Public Relations Chairman; Miss Vera Anderson, Recorder of Birds; Sarah Rhodes, Junior Representative; Miss Zoe Worden, Junior Advisor; Miss Grace Young, Historian-Librarian.

The Annual Spring Bird Count and Field Day may be held either May 3 or 4 depending upon the wishes of the local groups. The editor would appreciate it if the lists were submitted in check-list order. Remember we want more than a simple list of birds; we want to know how many of each kind you see.

#### FIVE YEAR SUMMARY OF CHRISTMAS BIRD COUNTS IN THE CRETE REGION (NEBRASKA)

Janet L. C. Rapp and William F. Rapp, Jr.

This paper is a summary of Christmas Bird Counts taken from 1947 to 1951 inclusive. The area covered lies in the northeastern part of Saline County. The types of habitats covered are river bottom forest, prairies, wood draws, hedge rows and parts of the city of Crete.

##### Weather Conditions:

1947.....	temp. 21-40°.....	no snow
1948.....	temp. 8-20°.....	7 in. snow
1949.....	temp. 1-29°.....	1.8 in. snow
1950.....	temp. 28-48°.....	no snow
1951.....	temp. 2-15°.....	6 in. snow
1947.....	species 19.....	individuals 283
1948.....	species 21.....	individuals 281
1949.....	species 24.....	individuals 299
1950.....	species 20.....	individuals 852
1951.....	species 22.....	individuals 449

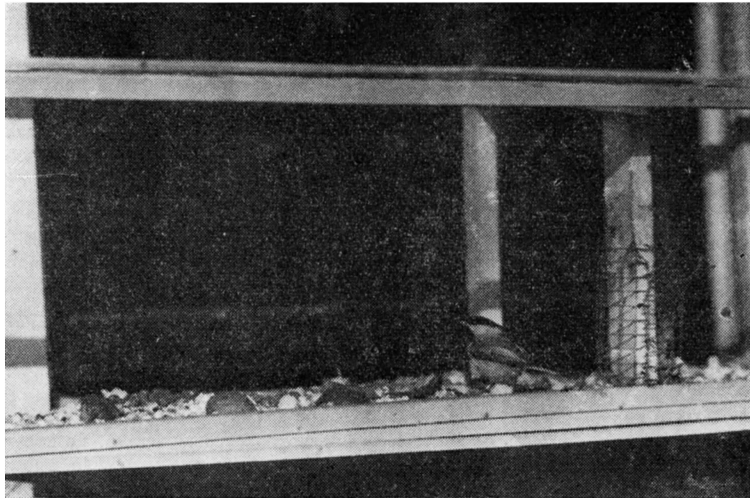
##### Species seen on the Christmas Bird Counts:

	1947	1948	1949	1950	1951
Pintail .....				26	
Cooper's Hawk .....	1	1			1
Red-tailed Hawk .....		2		2	
Am. Rough-legged Hawk .....			1		1
Bald Eagle .....			1		
Marsh Hawk .....	1	1	1		1
Prairie Falcon .....	1				
Sparrow Hawk .....	1		1		1
Ring-necked Pheasant .....			4		7
Great Horned Owl .....			1	1	1
Mourning Dove .....					1
Belted Kingfisher .....		1			
Yellow-shafted Flicker .....	8	6	3		1
Red-shafted Flicker .....				1	
Red-bellied Woodpecker .....	4	4	1	2	1

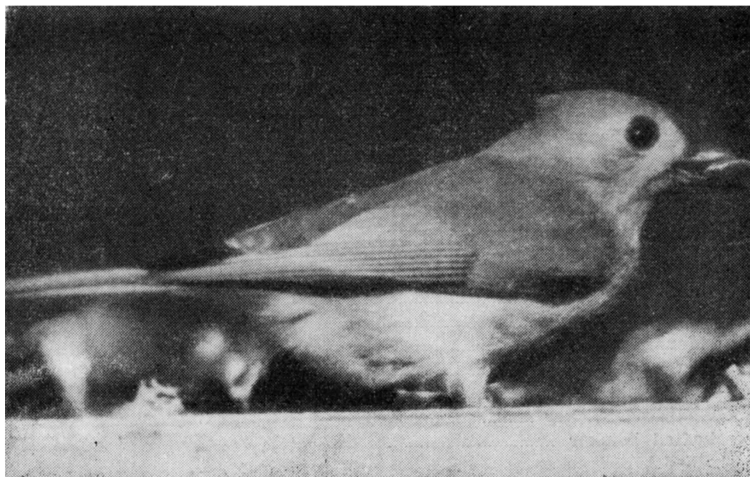
The number of species seen and the number of individuals were as follows:



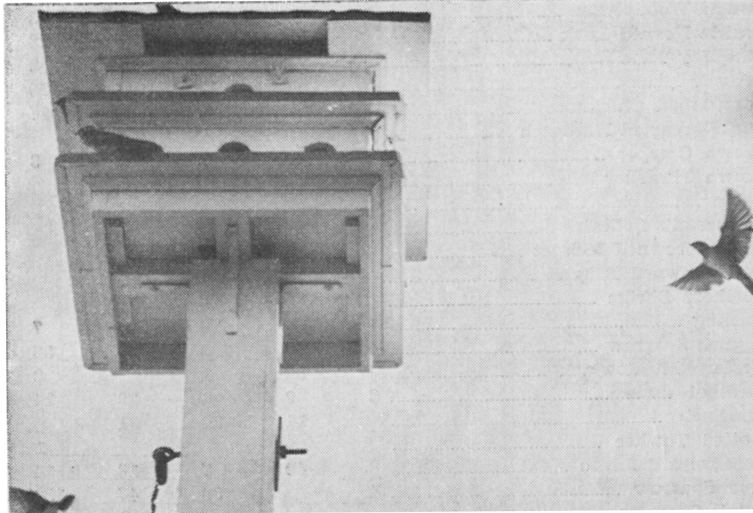
### Birds Photographed in Our Yard



A glass top window sill feeder attracts Chickadees and other interesting birds to the kitchen window where they are observed and photographed.



The Eastern Cardinal is a frequent visitor to the window sill feeder that is well stocked with sunflower seeds.

**Paul T. and Lorene Heineman**

A Purple Martin house, House Wren houses, section of a hollow tree for Flickers, bird baths, large trees and a dense undergrowth of fruit-bearing shrubs have attracted many birds to our city residence in Plattsmouth, Nebraska. Fourteen of the 77 species observed nested in our yard.



Three types of bird feeders—hanging seed dispenser, suet feeder and table—provide an assortment of tidbits for Cardinals, Chickadees and other winter residents.

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Red-header Woodpecker .....	1			
Hairy Woodpecker .....	7	2	3	
Downy Woodpecker .....	3	5	7	3
Prairie Horned Lark .....	50			23
Blue Jay .....	2	5	1	5
Crow .....	42	48	31	101
Long-tailed Chickadee .....	49	41	49	98
White-breasted Nuthatch .....	2			2
Brown Creeper .....		1	2	3
Brown Thrasher .....	1			
Robin .....	2			
Townsend's Solitaire .....				1
Golden-crowned Kinglet .....	5			
Ruby-crowned Kinglet .....			1	
Northern Shrike .....			2	
Starling .....	80		13	203
English Sparrow .....	50	48	103	295
Western Meadowlark .....		32	1	
Cardinal .....	3	9	4	10
Goldfinch .....		11	32	31
Spotted Towhee .....				1
Slate-colored Junco .....	18	40	7	18
Tree Sparrow .....	4		30	47
Harris Sparrow .....				1
Song Sparrow .....		7	1	

## General Notes

**1951 Fall Migration Dates from Hastings.**—The following are considered to be unusual fall migration dates: Great Blue Heron, Oct. 5; American Bittern, Nov. 14; Killdeer, Nov. 6; Franklin's Gull, Oct. 13; Least Flycatcher, Oct. 10; Catbird, Oct. 31; Townsend's Solitaire, Nov. 28; Redpoll, Nov. 16; Red Cross-bill, Nov. 28; White-throated Sparrow, Nov. 1; Fox Sparrow, Oct. 13.—Mrs. A. H. Jones, 1114 North Denver Ave., Hastings, Nebraska.

**White-faced Glossy Ibis in Adams County.**—A White-faced Glossy Ibis (*Plegadis guarauna*) was observed in a lagoon ten miles southeast of Hastings. At one time we were at least 75 feet from it and could see every mark plainly including the white area around the base of the bill. First the bird, preening, dipped its bill into the water and then into its feathers. Later it began probing into the mud and feeding.

In the Hastings Museum there are two specimens of Whitefaced Glossy Ibis which were taken in 1916 in Clay County, at the Inland Lagoon, 12 miles east of Hastings.—Mrs. A. H. Jones, 1114 North Denver Avenue, Hastings, Nebraska.

**HAWK NOTES.**—Records of Krider's Hawk (*Buteo jamaicensis krideri*) in Nebraska are very infrequent. In flight the bird is rather difficult to separate from the other subspecies of the Red-tailed Hawk. During the past fall the author was able to observe at very close range two Krider's Hawks. On September 26, 1951 in Lancaster County about eight miles east of Crete on state highway 33 I was able to drive up to a Krider's Hawk perched on a fence post and to observe the bird for several minutes before it flew. On October 29, 1951 Dr. J. L. C. Rapp and I observed a Krider's Hawk about two miles east of Crete sitting on a telephone pole between state highway 33 and the C. B. & Q. Railroad. Again we were able to study this bird under very excellent conditions. In both observations the excessive amount of white of the head proved to be an excellent field mark. In addition, the birds seemed to be paler than the Northern Redtail and to have quite a bit of white in their plumage.

On January 1, 1952 Dr. Henry E. Baumgarten and the author were looking for birds along the Big Blue River south of Crete, Saline County and on the high bluffs northwest of Camp Crete we were able to observe under good conditions a Western Redtailed Hawk (*Buteo jamaicensis calurus*). The chief distinguishing points used to separate this subspecies are the very dark blackish plumage tinged with a rufous color.

In all probability both of these birds occur more commonly in Nebraska than the published records indicate, but since they are extremely difficult to tell in the field except under very excellent conditions, they are usually lumped together as Redtailed Hawks.—William F. Rapp, Jr., 1219 Ivy Street, Crete, Nebraska.

**LATE DATE FOR A RED-BREASTED NUTHATCH.**—On May 15, 1951, I saw a Red-breasted Nuthatch *Sitta canadensis* in our park in an elm tree along with some Tennessee Warblers (*Vermivora peregrina*). I watched it for some time and had a perfect view. I never found one in this area before at this time.—Mrs. Glen Chapman, Aurora, Nebraska.

**CLARK'S NUTCRACKERS IN THOMAS, SHERIDAN AND SIOUX COUN-**

**TIES.**—While driving the Thedford-Stapleton trail on October 29, 1942 I sighted a Clark's Nutcracker (*Nucifraga columbiana*) just north of the Dismal river crossing in Thomas county. I had seen hundreds of Nutcrackers in Colorado before that, but this was my first Nebraska observation of the species.

On October 4, 1950, in the yellow pine timber area of northern Sheridan county, four nutcrackers were seen during the afternoon, and in early December, 1950, I saw several at different locations in the timbered area of northern Sioux county.—Levi L. Mohler, Lincoln, Nebraska.

**NESTING OF THE DOUBLE-CRESTED CORMORANT IN NORTHWESTERN NEBRASKA.**—On July 1, 1950, the author, J. Henry Sather, and John Wampole visited Cravath Lake, Sheridan County, Nebraska. Observations were made around the lake to ascertain the influx of vertebrate life to the lake since its flooding in early 1950.

Among the bird nests noted were four nests of the Northern Double-crested Cormorant (*Phalacrocorax auritus*) which were located in a small grove of dead trees near the west end of the lake. Two nests examined contained three eggs each.

This adds a new county nesting record to those listed for this species by Mrs. Carl N. Collister (*Nebr. Bird Review* XVI (1), pp. 22-26, 1948).

Cormorants were also noted in the sandhill lakes of the Valentine National Wildlife Refuge, Cherry County. 92 nests were counted in dead trees along the north shore of Pelican Lake in early August 1950.—J. Knox Jones, Jr., Nebraska State Museum, Lincoln, Nebraska.

**THE 1950 ANNUAL FAIRBURY FIELD DAY.**—The annual Fairbury field day was held on May 19, 1951. The following participated: Fanny Cross, Bertha Holly, Mrs. P. J. Junker, Robert and Diana Junker, Juanita, Regnier, and Mr. and Mrs. C. H. Richardson. The following birds were seen: Pied-billed Grebe, Green Heron, American Bittern, Blue-winged Teal, Red-tailed Hawk, Rough-legged Hawk, Marsh Hawk, Bob-white, Ring-necked Pheasant, Killdeer, Spotted Sandpiper, Franklin's Gull, Black Tern, Mourning Dove, Great Horned Owl, Nighthawk, Chimney Swift, Yellow-shafted Flicker, Red-bellied Woodpecker, Red-headed Woodpecker, Hairy Woodpecker, Downy Woodpecker, Kingbird, Western Kingbird, Crested Flycatcher, Phoebe, Yellow-bellied Flycatcher, Wood Pewee, Tree Swallow, Bank Swallow, Rough-winged Swallow, Cliff Swallow, Purple Martin, Blue Jay, Crow, Black-capped Chickadee, Tufted Titmouse, White-breasted Nuthatch, Catbird, Brown Thrasher, Robin, Olive-backed Thrush, Blue-gray Gnatcatcher, Migrant Shrike, Starling, Yellow-throated Vireo, Red-eyed Vireo, Warbling Vireo, American Redstart, English Sparrow, Eastern Meadowlark, Western Meadowlark, Red-wing, Orchard Oriole, Baltimore Oriole, Bronzed Grackle, Cowbird, Scarlet Tanager, Cardinal, Blue Grosbeak, Dickcissel, Goldfinch, Grasshopper Sparrow, Lark Sparrow, Field Sparrow.

A total of 66 species were observed.—Mrs. C. H. Richardson, 3091 3rd. Street, Boulder, Colorado.

**NOTES FROM ELSMER, CHERRY COUNTY.**—Early last December a Townsend's Solitaire (*Myadestes townsendi*) appeared at our home. He came daily to drink at the chicken trough and later at a pan near the bird feeder. He became less shy as the winter days passed and we saw him feed on ber-

ries of woodbine, sumac, honeysuckle, asparagus and cedar. On very windy days he sheltered near the cedar hedge and ate the berries we left in small pans at the feeder. When given a choice he always ate the cedar berries first.

On warm March days our Solitaire began warbling soft bits of melody and by April his song grew louder. When small flocks of Mountain Bluebirds (*Sialia currucoides*) stopped over to feed he became excited, flying in and perching close by, seeming to admire their blue beauty as much as we. When he failed to come for his morning drink on April 20 we knew he had left for his mountain home.

On April 3 a Sparrow Hawk (*Falco sparverius*) was noticed clinging to a window screen. His shiny curved beak and colorful plumage were well displayed before he dropped to the flower bed below. After watching him for a time from the window, we went outside and walked quite near where he perched on an overturned bucket. He gave us little attention and we soon saw that he was hunting for fish worms. He must have been very hungry for he hunted about until dusk while two other Sparrow Hawks, seeming older and wiser, sat in a tall cottonwood at the end of the lawn and looked on curiously. As the next day was very disagreeable, the little hawk took refuge in a shed and we wondered if Sparrow Hawks are often as tame as this one.—Mrs. Donald Held, Elsmere, Nebraska.

**A LATE BALTIMORE ORIOLE RECORD.**—On November 17, 1951 at 7:15 a.m. a male Baltimore Oriole (*Icterus galbula*) was in my yard at Genoa, Nance County. The bird spent most of the time eating the berries on the Hackberry trees (*Celtis occidentalis*).—Clyde E. Pearson, Genoa, Nebraska.

**MISSOURI RIVER BIRD NOTES.**—The following is a list of 52 species of birds observed May 20, 1951 in an Otoe County area extending from Peru, Nebraska, east to the Missouri River. Observers on the trip sponsored by the recently organized Audubon Naturalists' Club at Lincoln, Nebraska were: Dr. Henry Baumgarten, Lincoln; Adrian C. Fox, Lincoln; Leroy Gates, Peru; Dr. C. S. Hamilton, Lincoln; C. G. Pritchard, Lincoln. The birds were: Red-tailed Hawk, 1; Broad-winged Hawk, 2; Bob-white, 2; Mourning Dove, 5; Chimney Swift, 10; Ruby-throated Hummingbird, 5; Belted Kingfisher, 2; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 4; Downy Woodpecker, 2; Eastern Kingbird, 1; Western Kingbird, 1; Crested Flycatcher, 2; Phoebe, 2; Wood Pewee, 1; Olive-sided Flycatcher, 1; Rough-winged Swallow, 10; Barn Swallow, 4; Purple Martin, 10; Blue Jay, 2; Crow, 3; Black-capped Chickadee, 1; Tufted Titmouse, 2; White-breasted Nuthatch, 1; House Wren, 2; Bewick's Wren, 1; Catbird, 2; Brown Thrasher, 4; Robin, 10; Olive-backed Thrush, 1; Eastern Bluebird, 1; Starling, 2; White-eyed Vireo, 1; Red-eyed Vireo, 1; Yellow Warbler, 5; Black-poll Warbler, 1; Mourning Warbler, 1; Northern Yellowthroat, 2; Yellow-breasted Chat, 2; Redstart, 4; English Sparrow, 10; Red-wing, 2; Orchard Oriole, 1; Baltimore Oriole, 3; Bronzed Grackle, 10; Cowbird, 3; Summer Tanager, 2; Cardinal, 10; Indigo Bunting, 10; Dickcissel, 2; Goldfinch, 2; Chipping Sparrow, 2.

The pair of Broad-winged Hawks seen have a nest on a steep bluff near the C. B. & Q. Railroad track east of Peru, Nebraska. The nest is about twenty feet from the ground in a tall cottonwood tree.

On June 24, 1951 another group from the Audubon Naturalists' club

spent the day in the Plattsmouth region and the following species were seen: Great Blue Heron, Western Turkey Vulture, Red-tailed Hawk, Broad-winged Hawk, Eastern Sparrow Hawk, Bob-white, Interior Least Tern, Western Mourning Dove, Yellow-billed Cuckoo, Black-billed Cuckoo, Chimney Swift, Ruby-throated Hummingbird, Eastern Kingfisher, Northern Flicker, Western Red-bellied Woodpecker, Red-headed Woodpecker, Hairy Woodpecker, Downy Woodpecker, Eastern Kingbird, Western Kingbird, Northern Crested Flycatcher, Eastern Phoebe, Eastern Wood Pewee, Rough-winged Swallow, Barn Swallow, Northern Cliff Swallow, Purple Martin, Blue Jay, Eastern Crow, Chickadee, Western House Wren, Catbird, Brown Thrasher, Robin, Wood Thrush, Eastern Bluebird Cedar Waxwing, Starling, Northern White-eyed Vireo, Bell's Vireo, Red-eyed Vireo, Warbling Vireo, Yellow Warbler, Black-throated Green Warbler, Ovenbird, Yellow-throat, Chat, American Redstart, English Sparrow, Eastern Meadowlark, Red-wing, Orchard Oriole, Baltimore Oriole, Bronzed Grackle, Cowbird, Eastern Cardinal, Rose-breasted Grosbeak, Indigo Bunting, Dickcissel, Goldfinch, Red-eyed Towhee, Chipping Sparrow, Field Sparrow.—Adrian C. Fox, Lincoln, Nebraska.

**NOTES FROM BLADEN.**—On April 25, 1951 as I was crossing a field of sorghum stubble, I heard an unfamiliar sound, which I can best describe as a "wavering hiss." I turned quickly, thinking it must be a snake. To my surprise, however, there was a bird on the ground; its wings were outstretched and it was repeatedly thrusting its head forward and opening its mouth. Only a slight entanglement of one wing on a weed prevented it from flying away. At first I thought it was an Eastern Whip-poor-will, but upon taking the bird home, I found that it was a Nuttall's Poor-will (*Phalaenoptilus n. nuttalli*). This I believe is one of the first records for this species in Webster County. The specimen was turned over to Mr. W. E. Eigsti of the Hastings Museum.

The birds of prey are one of my chief ornithological interests, but it was not until May 20, 1951, that I had an opportunity to positively identify a Turkey Vulture (*Cathartes aura teter*). I was able to observe this bird at close range and to see all of the field marks. Again on June 25, 1951 I was able to observe one of these interesting birds.—Harold Turner, Bladen, Nebraska.

**BROOKINGS BIRD CLUB ANNUAL FIELD TRIP.**—On May 19, 1951 the following birds were seen in the Hastings area: Green Heron, Mallard, American Pintail, Blue-winged Teal, Shoveler, Redhead, Lesser Scaup Duck, Swainson's Hawk, Marsh Hawk, Sparrow Hawk, Ring-necked Pheasant, Coot, Killdeer, Spotted Sandpiper, Willet, Greater Yellow-legs, Pectoral Sandpiper, Least Sandpiper, Wilson's Phalarope, Franklin's Gull, Black Tern, Mourning Dove, Yellow-billed Cuckoo, Great Horned Owl, Chimney Swift, Ruby-throated Hummingbird, Belted Kingfisher, Yellow-shafted Flicker, Hairy Woodpecker, Kingbird, Western Kingbird, Crested Flycatcher, Eastern Phoebe, Say's Phoebe, Alder Flycatcher, Least Flycatcher, Prairie Horned Lark, Bank Swallow, Rough-winged Swallow, Barn Swallow, Purple Martin, Blue Jay, Crow, Black-capped Chickadee, White-breasted Nuthatch, Brown Creeper, House Wren, Catbird, Brown Thrasher, Robin, Olive-backed Thrush, Bluebird, Cedar Waxing, Northern Shrike, Starling, Red-eyed Vireo, Warbling Vireo, Tennessee Warbler, Yellow Warbler, Myrtle Warbler,



Black-poll Warbler, Northern Yellow-throat, English Sparrow, Western Meadowlark, Yellow-headed Blackbird, Red-wing, Orchard Oriole, Baltimore Oriole, Bronzed Grackle, Cowbird, Cardinal, Rose-breasted Grosbeak, Rocky Mountain Grosbeak, Blue Grosbeak, Lazuli Bunting, Dickcissel, Pine Siskin, Goldfinch, Savannah Sparrow, Vesper Sparrow, Lark Sparrow, Chipping Sparrow, Clay-colored Sparrow, and Harris Sparrow. A total of 86 species were seen.—Blanche M. Jones (Mrs. A. H.), Hastings, Nebraska.

**FIRST ANNUAL CRETE FALL FIELD TRIP**—The first Crete Fall Field Trip took place on September 23, 1951. Approximately 17 persons from the Audubon Naturalist's Club of Lincoln participated. The following species were seen:

Great Blue Heron, American Bittern, Mallard, American Pintail, Blue-winged Teal, Cooper's Hawk, Red-tailed Hawk, Red-shouldered Hawk, Swainson's Hawk, Rough-legged Hawk, Marsh Hawk, Sparrow Hawk, Bob-white, Ring-necked Pheasant, Killdeer, Mourning Dove, Great Horned Owl, Chimney Swift, Yellow-shafted Flicker, Red-bellied Woodpecker, Red-headed Woodpecker, Hairy Woodpecker, Downy Woodpecker, Kingbird, Least Flycatcher, Olive-sided Flycatcher, Prairie Horned Lark, Barn Swallow, Blue Jay, Crow, Black-capped Chickadee, Red-breasted Nuthatch, Catbird, Brown Thrasher, Robin, Bluebird, Starling, Northern Yellowthroat, English Sparrow, Eastern Meadowlark, Western Meadowlark, Yellow-headed Blackbird, Redwing, Brewer's Blackbird, Bronzed Grackle, Cowbird, Cardinal, Rose-breasted Grosbeak, Goldfinch and Artic Towhee.—W.F.R.

## BOOK REVIEW

**PRACTICE OF WILDLIFE CONSERVATION.**—By Leonard W. Wing. John Wiley and Sons, Inc. 440 Fourth Avenue, New York 16, New York, 1951: viii, 412 pp. \$5.50.

This book will be of interest to those interested in conservation education. There are very few general textbooks which cover the broad field of wildlife conservation and management; in this book Dr. Wing attempts to present a book which will serve this need. One of the desirable features of this book is that conservation is considered as a land problem of today, after man has injected himself into it.

Such topics as techniques of field investigations, farm game birds, songbird and non-game conservation and management, and many other important topics are discussed. Profusely illustrated and written in concise and simple language, this book should be of special interest to teachers, sportsmen, and conservation workers.—W.F.R.

**BIRDS' NESTS OF THE WEST.**—By Richard Headstrom. Ives Washburn, Inc. 29 West 57th Street, New York 19, New York, 1951: 177 pp. \$3.00.

Have you ever walked down a road in the winter and seen birds' nests in the hedgerows and wondered which bird built them? If so and if you live west of North Platte, this is a book you will want. This book, like its companion volume, *Birds' Nests*, is a field guide which by means of a very excellent key will enable one to identify most of the nests he is likely to encounter after studying the chapter entitled, "How to Use This Book." There are over twenty-five excellent photographs of birds' nests in this volume,



which is essential to the library of every bird student in the western part of Nebraska.—W.F.R.

**LIFE HISTORIES OF NORTH AMERICAN WILD FOWL, DUCKS, GEESE AND SWANS.**—By Arthur Cleveland Bent. Dover Publications, Inc. 1780 Broadway, New York 19, New York, 1951: Vol. I, ix, 244 pp. 46 plates, Vol. II, x, 316 pp. 60 plates. \$8.00.

The reprinting of these two volumes of Bent's "Life Histories" is a great help to many ornithologists. Since these two volumes on ducks, geese, and swans have long been out of print, most secondhand book dealers have been asking from \$15 to \$20 a volume. Volume one was originally issued as U.S. National Museum Bulletin 126 in 1923, and Volume two was issued originally as U.S. National Museum Bulletin 130 in 1925. These reprints by Dover Press have been done by the photo-offset process and are accurate reprints of the original.

There is little that a reviewer can say about these volumes that has not already been said. For the professional and amateur alike there is no more valuable source of firsthand information on North American wild fowl. Every phase of birdlife is covered in detail, including courtship habits, descriptions of nests, dates of nesting, nesting habits, egg sizes, egg patterns, egg colors, periods of incubation, description and care of the young, food habits, voices and sounds, plumages, distribution, egg dates, and many other useful facts.

These two volumes should be in the library of every serious bird student.—W.F.R.

**MEXICAN BIRDS.**—By George Miksch Sutton. University of Oklahoma Press, Norman, Oklahoma, 1951: xv, 282 pp. \$10.00.

This book on Mexican birds will be of interest to Nebraskans for several reasons: first, it is written by a Nebraska born ornithologist, who is a member of the N.O.U.; second, the book is dedicated to a Nebraskan, the late Dr. David Clark Hilton of Lincoln, and lastly, it is an exceedingly interesting book on Mexican birds.

The book is divided into two parts. The first is an informal account of the author's day to day experiences in the field. The thrill of seeing such exotic birds as the Rufescent Tinamou, the Great Curassow, and many other birds is vividly described. The second part is an appendix in which all (?) Mexican birds are briefly described.

**Mexican Birds** is well illustrated; there are sixteen water-color paintings reproduced in full color and sixty-three excellent pen-and-ink drawings. W.F.R.

**BEGINNER'S GUIDE TO ATTRACTING BIRDS.**—By Leon A. Hausman. G. P. Putnam's Sons, New York, New York, 1951: 127 pp. \$2.00.

As the title indicates this small book is for beginners—only! Serious bird students may be repelled by the endlessly repetitive and overly kittenish style. However, within the overembellished verbiage may be found a sound and substantial summary of the basic elements of attracting birds: bird foods, bird houses and shelters, bird baths, trees and shrubs attractive to birds, etc., although nothing new has been added to the sum of presently published knowledge on these subjects. The line drawings of about 35 species of birds and of various home-made bird houses, baths, etc. are ade-

quate, but the "Key for Easy Identification of Birds" in the back of the book cannot be recommended—even for a beginner. For its 114 small pages of text, the book seems greatly overpriced.—H. E. Baumgarten.

**COOPERATION AMONG ANIMALS.**—By W. C. Allee, Henry Schuman. New York, New York, 1951: 233 pp. \$3.50.

This is a revised edition of a book originally published in 1938. In this edition Dr. Allee presents evidence of the principle of automatic cooperation as it operates in the animal world. Cooperative beginnings are demonstrated from one-celled protozoans to man, and the history of this significant idea is developed.

This book will be of special interest to students of bird behavior. It is well written and will appeal to any person interested in natural history.  
—W.F.R.

## N. O. U. MEMBERSHIP

January 1, 1952

\*\*\*Honorary Membership

\*\* Life Membership

\* Sustaining Membership

Adams, Mr. A. A., 1812 W 4th, Hastings, 1927.  
 Adams, Mrs. A. A., 1812 W 4th, Hastings, 1927.  
 Adams, Frederick J., 5103 Webster St., Omaha, 1925.  
 Allen, Harry B., Rt. 4, Cozad, 1937.  
 Anderson, Dana, St. Edward, 1933.  
 Anderson, Mrs. D., St. Edward, 1933.  
 Anderson, Miss Rose, St. Edward, 1949.  
 Anderson, Miss Margaret, St. Edward, 1949.  
 Anderson, Miss Vera, 609 Elk, Beatrice, 1951.  
 Armstrong, Mrs. Kate, 3205 15 St., Omaha, 1950.  
 Armstrong, Joseph, 506 So 49th, Omaha, 1948.  
 Anderson, Charles D., 2462 Harney, Omaha, 1951.  
 Arnholt, Gerald L., Box 124 Thedford, 1951.  
 Bates, Mrs. M. O., 1105 No. Madison, Lexington, 1949.  
 Baumgarten, Henry E., Dept. of Chemistry, Uni. of Nebr., 1950.  
 Benckesser, Mr. Harold R., Box 177, Brule, 1945.  
 Birkeland, Henry, Roland, Iowa, 1934.  
 Blinco, Mr. Geo., 411 Morhead St. Chadron, 1933.  
 Blinco, Mrs. Geo., 411 Morhead St., Chadron, 1933.  
 Bopp, Miss Gertrude, Champion, 1950.  
 Bosak, Mr. Edw., Fairfield, 1951.  
 \*Brooking, Mrs. A. M., 1015 No. St. Joe Ave., Hastings, 1927.  
 \*Brooking Bird Club, Hastings, Hastings Museum, 1933.  
 Brady, Frank, Atkinson, 1951.  
 Brashear, Mrs. Julia, Box 100, Scottsbluff, 1951.  
 Buffett, Mrs. Fred, 4515 Hickory St., Omaha, 1950.  
 Bunney, Loren, Ogallala, 1950.  
 Button Mrs. Lily Ruegg, 616 W. 8th, Fremont, 1915.  
 Callaway, Miss Agnes, 806 D., Fairbury, 1925.  
 Callaway, Miss Susie, 806 D., Fairbury, 1925.  
 Campbell, Mrs. Nellie E., 639 So. 12, Geneva, 1950.  
 \*\*\*Carriker, M. A., Carrera 21, No. 33-69, Bucaramanga, Columbia, S. A.  
 Charter.  
 Carson, Mr. L. B., 1306 Lincoln St., Topeka, Kans., 1950.  
 Case, Mrs. Joy H., Box 22, Geneva, 1950.  
 \*Chadron Bird Club, % Mrs. E. C. Byerly, 431 Cedar St., Chadron (Audobon Club), 1949.  
 Chapman, Mrs. Glen, Aurora, 1927.  
 Chase, Mr. Warren J., Alexandria, 1949.  
 Clauson, Mr. D. H., O'Neill, 1951.  
 Clark, Mrs. Floyd, 1905 No. 54th, Omaha, 1950.  
 Chupp, Norman, R., 506 W. 6th, Fremont, 1951.

- \*Collister, Mrs. Carl, 947 Ogden St., Longmont, Colo., 1934.  
\*\*\*Condra, Dr. Geo. E., Dept. of Geology, Uni. of Nebraska., Charter.  
\*Dawson, Mrs. Fred, T., 60th and Rainwood Rd., Omaha, 1942.  
Day, Mrs. Isabelle, 631 Kansas Ave., Superior, 1923.  
Day, Miss Marion, 631 Kansas Ave., Superior, 1932.  
Davis, Mrs. Joe M., 901 No. Burlington, Hastings, 1951.  
De Flon, Dr. Eric G., 242 Pine St., Chadron, 1951.  
Delfs, Richard M., Stapleton, 1950.  
Dunlap, Mrs. Merle J., 204 E. 8th, Lexington, 1950.  
Downey, Mrs. Esther, O'Neill, 1951.  
Dowding, Mrs. Wm. T., Seward, 1951.  
\*\*\*Eiche, August, 3134 So. 29th St., Lincoln, Charter.  
Eigsti, W. E., Hastings Museum, Hastings, 1947.  
Ellsworth, Miss Mary, 6331 No. 32nd St., Omaha, 1917.  
Fabrique, Mrs. H. L., Nelson, 1933.  
\*Ferguson, Wm., 5907 Mason St., Omaha, 1944.  
\*\*Fichter, Dr. Edson, Dept. of Zoo, Idaho State College, Pocatella, Ida., 1946.  
Fisher, Clyde H., Spencer, 1950.  
Flemming, Mrs. Ruth, 3100 Leighton Ave., Lincoln, 1935.  
Follmer, Miss Katherine, Oak, 1949.  
\*\*Fox Adrian C., Box 1451, Lincoln, 1946.  
Franzen, Mattie M., 2417 Ave. A, Scottsbluff, 1950.  
Gallagher, Mrs. Elizabeth, O'Neill, 1951.  
Galloway, Leo. A, Fullerton, 1949.  
Gates, Miss Doris B., 401 So. Ash, No. Platte, 1937.  
Gates, Leroy M., Box 296, Peru, 1913.  
Gemboi, Robert V., 3219, 8th St., Columbus, 1949.  
\*Gifford, Dr. Harold, 1620 Medical Arts Bldg., Omaha, 1930.  
Glandon, Earle W., Stapleton, 1933.  
\*Goodall, Mrs. R. A., 320 No. Spruce, Ogallala, 1946.  
Griffin, Miss Verneil, 320 So. Locust, Grand Island, 1945.  
Gulotta, Mrs. Wilhelmina, 1925 No. Main, Fremont, 1944.  
Gwynn, Jack V., 3810 A. St., Lincoln, 1951.  
Hanson, Miss Mary Louise, 741 So. 31st., Lincoln, 1949.  
Harden, Mrs. Florence, Liberty, 1949.  
Heineman Mrs. Paul T., 523 No. 6th, Plattsmouth, 1933.  
Held, Mrs. Donald, Elsmere, 1950.  
Heller, Miss Carmen, 408 W. 3rd. No. Platte, 1937.  
Hilton, Mrs. D. C., 2500 Woodcrest, Lincoln, 1946.  
Hitch, Mrs. Gladys, 4902 Walker Ave., Lincoln, 1949.  
\*\*\*Hole, Mrs. H. F., 2041 Walnut St., Boulder Colo., 1919.  
Holly, Miss Bertha, 922 6th St., Fairbury, 1927.  
\*Homan, Mrs. Jessie, 2729 F. St., Lincoln, 1950.  
\*Horsky, Mr. L. O., 2952 Franklin St., Omaha, 1910.  
Horsky, Mrs. L. O., 2952 Franklin St., Omaha, 1933.  
Houser Mrs. Geo., 1010 W. Koenig St., Grand Island, 1945.  
Hudson, Dr. Geo., State College of Washington, Pullman, Wash., 1933.  
\*Huntley, Clarence W., Brule, Box 36, 1950.  
Hupp, Mrs. Alice Hyde, 4717 Baldwin Ave., Lincoln, 1946.

- Hughlett, Chas. A., Valentine, 1951.
- Housky, M. H., O'Neill, 1951.
- Jensen, Alice E., 1023 H. St., Apt. 3, Lincoln, 1951.
- Johnston, Mrs. H. C., 856 Idaho, Superior, 1919.
- Jones, J. Knox, 3001 Georgian Court, Lincoln 2, 1951.
- \*Jones, Mrs. A. H., 1114 No. Denver, Hastings, 1924.
- \*Jones, Mrs. A. M., 1015 No. St. Joe Ave., Hastings, 1927.
- \*\*\*Jones, E. H., Rt. 1, Box 583, Port Blakely, Wash., Charter.
- Kassing, Mr. David, 3021 E. 8th, Tulsa 4, Okla., 1950.
- Kinch, Miss Carol, 906 No. Grant, Lexington, 1947.
- Kirk, Mrs. Geo. W., Plainview, 1950.
- Koch, Mrs. Alfred, 520 E. 8th, Cozad, 1951.
- Krohn, Miss Bertha, 1837 C. St., Lincoln, 1933.
- Larson, Goodman K., 310 W. 16th, Grand Island, 1948.
- Learned, Mrs. Mary, 316 So. 50th, Omaha 6, Nebr., 1951.
- Lionberger, Mrs. Earle L., 537 Kansas Ave., Superior, 1925.
- Logan, Mrs. E. C., Springview, 1951.
- \*\*\*Loveland, Mrs. G. A., Riverroad, Norwich, Vermont, 1901.
- Ludden, Miss Carrie, 723 W. 24, Kearney, 1941.
- Lueschen, Mrs. John, Wisner, 1947.
- Mann, Mrs. Pearl N., 418 Ave. A., Plattsmouth, 1951.
- \*Mace, Mrs. Estelle, 2404 15th, Columbus, 1949.
- \*Marsh, Wm., 4157 Davenport, Omaha, 1933.
- Maunder, Vera, 818 Ash Ave., Hastings, 1933.
- Middleton, Mrs. Archie, Brady, 1947.
- Mills, Mrs. Catherine, Box 43, Rushville, 1950.
- Mohler, Levi, 1000 So. 35th, Lincoln, 1949.
- Moos, Louis, Box 713, Lincoln, 1949.
- \*\*Moser, Dr. Allyn, R.F.D. No. 1, Benson Sta., Omaha, 1935.
- Moser, Mrs. Jane, R.F.D. No. 1, Benson Sta., Omaha, 1941.
- Myhre, Mr. I. H., St. Edwards, 1949.
- Myhre, Mrs. I. H., St. Edwards, 1951.
- McCabe, Arthur, % McCabe Hotel, North Platte, 1950.
- McDonald, Miss Jeanette, 4911 Davenport, Omaha, 1950.
- McKillup, Mrs. L. H., 149 No. 1st, Seward, 1919.
- Newell, Wallace, Powell, 1946.
- \*\*\*Neidrach, Dr. Robert J., ~~Calo~~ <sup>Deer</sup> Museum of Natural History, Denver, Colo., 1932.
- \*\*\*Oberholser, Dr. H. C., 2933 Berkshire Rd., Cleveland Heights, Cleveland, O., 1924.
- Packard, Robert L., 2557 Van Dorn, Lincoln, 1949.
- Patton, Mrs. F. J., Blue Springs, Nebr., 1937.
- \*\*\*Pierce, Dr. A. S., Dept. of Zoo. Duke Uni. Durham, No. Carolina, Charter.
- Pearson, Clyde E., Genoa, 1949.
- Pennington, L. Iola, Wauneta, Nebr., 1951.
- Perkins, Mrs. S. A., 1305 So. 52 St., Omaha 6, 1940.
- Peterson, Mrs. A. A., Schribner, 1948.
- \*\*\*Pettingill, Dr. Olin S., Dept. of Zoo. Carlton College, Northfield, Minn., 1947.

- \*Prichard, C. G., Wildlife Bldg. Fairgrounds, Lincoln, 1948.  
Phelps, Mrs. R. A., 514 So. Maple, No. Platte, 1951.  
\*\*Rapp, Wm. F. Jr., 1219 Ivy St., Crete, 1947.  
Reimers, Mrs. Rudolph, Ogallala, 1951.  
Richardson, Mrs. Chas., 3091 3rd St., Boulder, Colo., 1924.  
Ritchey, Mrs. O. W., Stamford, 1950.  
Ruch, Mrs. C. E., 915 E. 7th, Hastings, 1951.  
Sather, Henry, Valentine, 1950.  
Seabury, Mrs. Geo., Plainview, 1948.  
Seabury, Mr. Lloyd, Plainview, 1951.  
Skrdla, Mrs. Frank, Atkinson, 1951.  
Shively, Mr. S. B., 5127 Walker, Lincoln, 1951.  
Smith, Mrs. Homer P., 5208 Western Ave., Omaha, 1951.  
Smith, Mrs. Johanna, Wymore, 1951.  
\*Smith, Mrs. Geo. O., 1837 C. St., Lincoln, 1923.  
Smith, Carl E., Halsey, 1945.  
Smith, Dr. Harry M., Dept. of Zoo., Uni. of Wyo., Larime, Wyo., 1951.  
Smith, Gale Wm., 221 So. 29th, Lincoln, 1951.  
Spidell, Mrs. Geo., 2840 No. 56, Lincoln, 1933.  
Stoltenburg, O. L., Florence Sta., Omaha, 1939.  
Sturmer, Mary, Box 215, Beatrice, 1950.  
\*\*\*Sutton, Dr. Geo., Dept. of Zoo., Uni. of Mich., Ann Arbor, Mich., 1941.  
\*\*Swenk, Mrs. Myron, 2435, A St., Lincoln, 1932.  
Swanson, Mrs. Kermit S., 1405 7th, Aurora, 1951.  
Taylor, Mrs. Loretta R., 622 W 26th, Kearney, 1950.  
Thorson, Thomas B., Uni. of Washington, Seattle, 1949.  
Tout, Rebecca, Box 678, No. Platte, 1942.  
Tolwensen, Mrs. Charles F., 377 Chadron St., Chadron, 1951.  
Towl, Roy N., 506 So. 57, Omaha, 1937.  
Towne, Miss Mary A., 1502 No. 54, Omaha, 1932.  
\*\*\*Towne, Geo. L., 1935 A, Lincoln, Charter.  
\*Turner, Harold, Rt. 2, Bladen, 1933.  
Thompson, Miss Elsie, Riverton, 1951.  
Urbach, Floyd D., 1140 So. Greenwich, Grand Island, 1950.  
\*\*Velich, Ralph, 5212 So. 23rd, Omaha, 1937.  
Viehmeier, Glen, Experimental State Farm, No. Platte, 1935.  
Viehmeier, Mrs. Glen, Experimental State Farm, No. Platte, 1951.  
Wagner, Mrs. H. J., 818 E. Boulder St., Colorado Springs, Colo., 1949.  
Wake, Miss Mary Ann, 816 E. 18th, Scottsbluff, 1937.  
Waring, Mrs. Robert B., 422 No. 11, Geneva, 1949.  
\*Watson, Lucius H., 4103 Sheridan Blvd., Lincoln 6, 1917.  
West, Mr. M. H., Valentine, 1951.  
Whitmus, Mrs. Glades B., 2844 S. 41st St., Lincoln, 1949.  
\*Wilcox, Leroy W., 622 No. 38th, Omaha, 1940.  
Winter, Miss Bertha C., 1004 E St., Apt. A, Lincoln, 1946.  
Wisda, Mrs. E. L., 1413 No. Lincoln, Lexington, 1950.  
Witschy, Mrs. Roy J., 2103 Ave F., Scottsbluff, 1950.  
\*Wycoff, Dr. Ray Shepperd, 106 W 7th, Lexington, 1949.  
Williams, Donald D., 5728 Morrill Ave., Lincoln, 1951.

\*Youngblood, Mrs. F. L., Box 193, Hastings, 1945.

Youngworth, William, 3119 E. 2nd., Sioux City 19, Iowa, 1950.

\*\*\*Zimmer, Dr. John T., Am. Museum of National History, 79th St. and  
Central Park West, New York 24, N. Y., 1907.

**Membership Totals**

**January 1, 1952**

***Honorary	14
**Life	6
*Sustaining	22
Active	146
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Total	188